

CERTIFICATE OF SERVICE

The undersigned hereby certifies that a true copy of the foregoing Appendix to Dr. Michael Kavanaugh's Reply Declaration was served on this 8th day of April, 2003, via regular mail upon the following:

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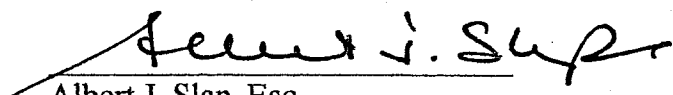
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Appendix

MSD - 10 year

		4 2.75%	Interest rate 5.5%		operating expense	price change 3.5%	customers 300,000	growth 3.50%			Income 40,000		
					74,422,000								
Year	SSO/CSO/WIB cost 1,250,000,000	Incremental SSO/CSO/WIB debt service	Cumulative SSO/CSO/WIB debt service	SSO/CSO/WIB operating expense 1%	operating expense	existing debt service	total costs	residential share 67.00%	rate	w/amp & storm	Income	Share	w/AMP & storm
1 2003	312,500,000	26,149,791	26,149,791	3,125,000	79,722,707	40,406,051	108,997,498	73,028,323	243	368	45,901	0.005	0.008
2 2004			26,149,791	3,234,375	82,513,002	40,347,959	111,897,167	74,971,102	250	389	47,507	0.005	0.008
3 2005			26,149,791	3,347,578	85,400,957	40,344,391	114,898,326	76,981,878	257	406	49,170	0.005	0.008
4 2006			26,149,791	3,464,743	88,389,990	40,341,912	118,004,524	79,063,031	264	436	50,891	0.005	0.009
5 2007			26,149,791	3,586,009	91,483,640	40,341,077	121,219,440	81,217,025	271	449	52,672	0.005	0.009
6 2008	357,897,920	29,948,658	56,098,449	7,164,989	97,999,562	40,343,670	161,263,000	108,046,210	360	545	54,516	0.007	0.010
7 2009			56,098,449	7,415,763	101,429,547	40,344,930	164,943,759	110,512,318	368	559	56,424	0.007	0.010
8 2010			56,098,449	7,675,315	104,979,581	40,337,857	168,753,345	113,064,741	377	574	58,399	0.006	0.010
9 2011			56,098,449	7,943,951	108,653,866	40,341,726	172,696,266	115,706,498	386	590	60,443	0.006	0.010
10 2012			56,098,449	8,221,989	112,456,752	40,335,363	176,777,190	118,440,717	395	606	62,558	0.006	0.010
11 2013	409,890,948	34,299,400	90,397,849	12,320,899	116,392,738	40,335,888	219,111,485	146,804,695	489	708	64,748	0.008	0.011
12 2014			90,397,849	12,752,130	120,466,484	40,024,259	223,616,463	149,823,030	499	726	67,014	0.007	0.011
13 2015			90,397,849	13,198,455	124,682,811	39,759,789	228,279,114	152,947,006	510	744	69,359	0.007	0.011
14 2016			90,397,849	13,660,401	129,046,709	39,629,082	233,104,958	156,180,322	521	763	71,787	0.007	0.011
15 2017			90,397,849	14,138,515	133,563,344	39,528,880	238,099,707	159,526,804	532	783	74,300	0.007	0.011
16 2018	469,437,176	39,282,188	129,680,037	18,832,886	138,238,061	7,708,424	286,750,984	192,123,160	640	901	76,900	0.008	0.012
17 2019			129,680,037	19,492,037	143,076,393	7,678,419	292,248,468	195,806,473	653	922	79,592	0.008	0.012
18 2020			129,680,037	20,174,259	148,084,067	7,678,546	297,938,363	199,618,703	665	944	82,377	0.008	0.011
19 2021			129,680,037	20,880,358	153,267,009	7,587,430	303,827,404	203,564,361	679	967	85,260	0.008	0.011
20 2022			129,680,037	21,611,170	158,631,354	7,553,590	309,922,562	207,648,116	692	991	88,245	0.008	0.011
21 2023			103,530,246	22,367,561	164,183,452	7,525,945	290,081,260	194,354,444	648	957	91,333	0.007	0.010

MSD - 10 year accelerated

		3 2.75%	Interest rate 5.5%	SSO/CSO/WIB		operating expense	price change 3.5%	customers 300,000	growth 3.50%	Income 40,000				
						74,422,000								
Year		SSO/CSO/WIB cost 1,250,000,000	Incremental SSO/CSO/WIB debt service	Cumulative SSO/CSO/WIB debt service	SSO/CSO/WIB operating expense 1%	operating expense	existing debt service	total costs	residential shar 67.00%	rate	w/amp & storm	income	Share	w/AMP & storm
1	2003	416,666,667	34,866,388	34,866,388	4,166,667	79,722,707	40,406,051	118,755,761	79,566,360	265	390	45,901	0.006	0.009
2	2004			34,866,388	4,312,500	82,513,002	40,347,959	121,691,889	81,533,566	272	411	47,507	0.006	0.009
3	2005			34,866,388	4,463,438	85,400,957	40,344,391	124,730,782	83,569,624	279	428	49,170	0.006	0.009
4	2006			34,866,388	4,619,658	88,389,990	40,341,912	127,876,036	85,676,944	286	458	50,891	0.006	0.009
5	2007			34,866,388	4,781,346	91,483,640	40,341,077	131,131,373	87,858,020	293	471	52,672	0.006	0.009
6	2008	477,197,227	39,931,544	74,797,932	9,553,318	97,999,562	40,343,670	182,350,812	122,175,044	407	592	54,516	0.007	0.011
7	2009			74,797,932	9,887,684	101,429,547	40,344,930	186,115,163	124,697,159	416	606	56,424	0.007	0.011
8	2010			74,797,932	10,233,753	104,979,581	40,337,857	190,011,266	127,307,548	424	622	58,399	0.007	0.011
9	2011			74,797,932	10,591,935	108,653,866	40,341,726	194,043,733	130,009,301	433	638	60,443	0.007	0.011
10	2012			74,797,932	10,962,652	112,456,752	40,335,363	198,217,336	132,805,615	443	654	62,558	0.007	0.010
11	2013	546,521,264	45,732,533	120,530,465	16,427,865	116,392,738	40,335,888	253,351,068	169,745,215	566	785	64,748	0.009	0.012
12	2014			120,530,465	17,002,840	120,466,484	40,024,259	257,999,789	172,859,859	576	803	67,014	0.009	0.012
13	2015			120,530,465	17,597,940	124,682,811	39,759,789	262,811,215	176,083,514	587	822	69,359	0.008	0.012
14	2016			120,530,465	18,213,867	129,046,709	39,629,082	267,791,041	179,419,998	598	841	71,787	0.008	0.012
15	2017	-		120,530,465	18,851,353	133,563,344	39,528,880	272,945,162	182,873,258	610	861	74,300	0.008	0.012
16	2018		-	120,530,465	18,851,353	138,238,061	7,708,424	277,619,879	186,005,319	620	880	76,900	0.008	0.011
17	2019			120,530,465	19,511,150	143,076,393	7,678,419	283,118,008	189,689,065	632	901	79,592	0.008	0.011
18	2020			120,530,465	20,194,040	148,084,067	7,678,546	288,808,572	193,501,743	645	924	82,377	0.008	0.011
19	2021			120,530,465	20,900,832	153,267,009	7,587,430	294,698,306	197,447,865	658	947	85,260	0.008	0.011
20	2022	-		120,530,465	21,632,361	158,631,354	7,553,590	300,794,180	201,532,101	672	970	88,245	0.008	0.011
21	2023		-	85,664,077	22,389,494	164,183,452	7,525,945	272,237,023	182,398,805	608	917	91,333	0.007	0.010

MSD - Maximum as stated by BBS

		4 2.75%	interest rate 5.5%		operating expense	price change 3.5%	customers 300,000	growth 3.50%			income 40,000		
					74,422,000								
Year	SSO/CSO/WIB cost 3,600,000,000	Incremental SSO/CSO/WI debt service	Cumulative SSO/CSO/WIB debt service	SSO/CSO/WIB operating expense 1%	operating expense	existing debt service	total costs	residential share 67.00%	rate	w/amp & storm	income	Share	w/AMP & storm
1 2003	900,000,000	75,311,397	75,311,397	9,000,000	79,722,707	40,406,051	164,034,104	109,902,850	366	491	45,901	0.008	0.011
2 2004			75,311,397	9,315,000	82,513,002	40,347,959	167,139,399	111,983,397	373	513	47,507	0.008	0.011
3 2005			75,311,397	9,641,025	85,400,957	40,344,391	170,353,379	114,136,764	380	530	49,170	0.008	0.011
4 2006			75,311,397	9,978,461	88,389,990	40,341,912	173,679,848	116,365,498	388	560	50,891	0.008	0.011
5 2007			75,311,397	10,327,707	91,483,640	40,341,077	177,122,744	118,672,238	396	574	52,672	0.008	0.011
6 2008	1,030,746,010	86,252,136	161,563,533	20,635,167	97,999,562	40,343,670	280,198,262	187,732,835	626	810	54,516	0.011	0.015
7 2009			161,563,533	21,357,398	101,429,547	40,344,930	284,350,477	190,514,820	635	826	56,424	0.011	0.015
8 2010			161,563,533	22,104,907	104,979,581	40,337,857	288,648,020	193,394,174	645	842	58,399	0.011	0.014
9 2011			161,563,533	22,878,579	108,653,866	40,341,726	293,095,977	196,374,305	655	859	60,443	0.011	0.014
10 2012			161,563,533	23,679,329	112,456,752	40,335,363	297,699,613	199,458,741	665	876	62,558	0.011	0.014
11 2013	1,180,485,929	98,782,272	260,345,804	35,484,188	116,392,738	40,335,888	412,222,730	276,189,229	921	1,140	64,748	0.014	0.018
12 2014			260,345,804	36,726,135	120,466,484	40,024,259	417,538,423	279,750,743	933	1,159	67,014	0.014	0.017
13 2015			260,345,804	38,011,549	124,682,811	39,759,789	423,040,164	283,436,910	945	1,179	69,359	0.014	0.017
14 2016			260,345,804	39,341,954	129,046,709	39,629,082	428,734,467	287,252,093	958	1,200	71,787	0.013	0.017
15 2017			260,345,804	40,718,922	133,563,344	39,528,880	434,628,070	291,200,807	971	1,222	74,300	0.013	0.016
16 2018	1,351,979,068	113,132,703	373,478,507	54,238,713	138,238,061	7,708,424	565,955,281	379,190,038	1,264	1,524	76,900	0.016	0.020
17 2019			373,478,507	56,137,068	143,076,393	7,678,419	572,691,968	383,703,618	1,279	1,548	79,592	0.016	0.019
18 2020			373,478,507	58,101,865	148,084,067	7,678,546	579,664,439	388,375,174	1,295	1,573	82,377	0.016	0.019
19 2021			373,478,507	60,135,430	153,267,009	7,587,430	586,880,946	393,210,234	1,311	1,599	85,260	0.015	0.019
20 2022			373,478,507	62,240,170	158,631,354	7,553,590	594,350,032	398,214,521	1,327	1,626	88,245	0.015	0.018
21 2023			298,167,110	64,418,576	164,183,452	7,525,945	526,769,138	352,935,323	1,176	1,485	91,333	0.013	0.016

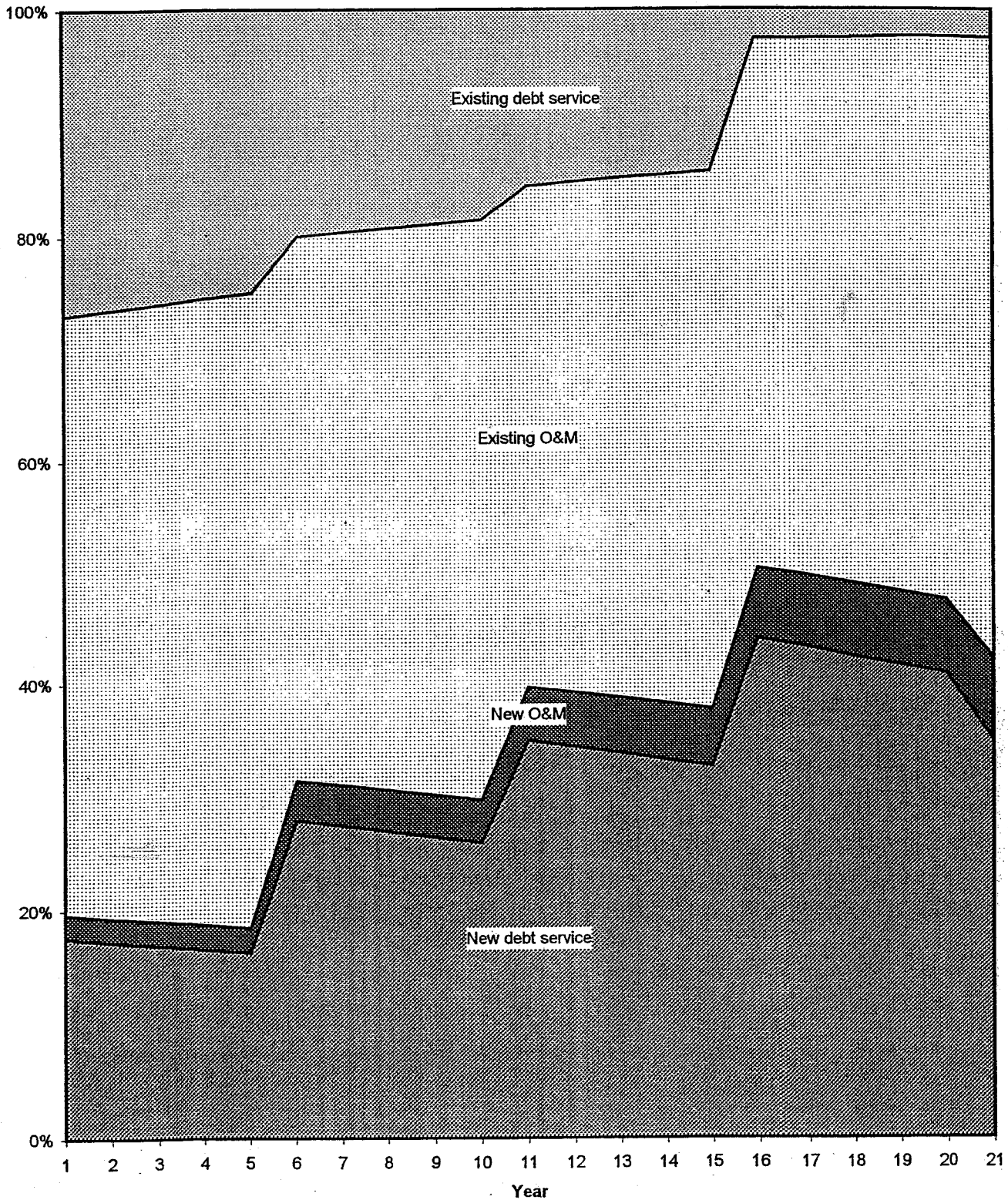
MSD - Maximum program - no basin

		4 2.75%	Interest rate 5.5%		operating expense	price change 3.5%	customers 300,000	growth 3.50%			Income 40,000			
					74,422,000									
Year	SSO/CSO/WIB cost 3,460,000,000	Incremental SSO/CSO/WIB debt service	Cumulative SSO/CSO/WIB debt service	SSO/CSO/WIB operating expense 1%	operating expense	existing debt service	total costs	residential shar 67.00%	rate	w/amp & storm	income	Share	w/AMP & storm	
1 2003	865,000,000	72,382,620	72,382,620	8,650,000	79,722,707	40,406,051	160,755,327	107,706,069	359	484	45,901	0.008	0.011	
2 2004			72,382,620	8,952,750	82,513,002	40,347,959	163,848,372	109,778,409	366	505	47,507	0.008	0.011	
3 2005			72,382,620	9,266,096	85,400,957	40,344,391	167,049,673	111,923,281	373	523	49,170	0.008	0.011	
4 2006			72,382,620	9,590,410	88,389,990	40,341,912	170,363,020	114,143,224	380	553	50,891	0.007	0.011	
5 2007			72,382,620	9,926,074	91,483,640	40,341,077	173,792,334	116,440,864	388	566	52,672	0.007	0.011	
6 2008	990,661,443	82,897,886	155,280,506	19,832,688	97,999,562	40,343,670	273,112,757	182,985,547	610	794	54,516	0.011	0.015	
7 2009			155,280,506	20,526,832	101,429,547	40,344,930	277,236,886	185,748,713	619	810	56,424	0.011	0.014	
8 2010			155,280,506	21,245,272	104,979,581	40,337,857	281,505,359	188,608,590	629	826	58,399	0.011	0.014	
9 2011			155,280,506	21,988,856	108,653,866	40,341,726	285,923,229	191,568,563	639	843	60,443	0.011	0.014	
10 2012			155,280,506	22,758,466	112,456,752	40,335,363	290,495,724	194,632,135	649	860	62,558	0.010	0.014	
11 2013	1,134,578,143	94,940,739	250,221,245	34,104,248	116,392,738	40,335,888	400,718,231	268,481,215	895	1,114	64,748	0.014	0.017	
12 2014			250,221,245	35,297,896	120,466,484	40,024,259	405,985,625	272,010,369	907	1,133	67,014	0.014	0.017	
13 2015			250,221,245	36,533,323	124,682,811	39,759,789	411,437,378	275,663,044	919	1,153	69,359	0.013	0.017	
14 2016			250,221,245	37,811,989	129,046,709	39,629,082	417,079,943	279,443,562	931	1,174	71,787	0.013	0.016	
15 2017			250,221,245	39,135,408	133,563,344	39,528,880	422,919,997	283,356,398	945	1,196	74,300	0.013	0.016	
16 2018	1,299,402,104	108,733,098	358,954,343	52,129,429	138,238,061	7,708,424	549,321,833	368,045,628	1,227	1,487	76,900	0.016	0.019	
17 2019			358,954,343	53,953,960	143,076,393	7,678,419	555,984,695	372,509,746	1,242	1,511	79,592	0.016	0.019	
18 2020			358,954,343	55,842,348	148,084,067	7,678,546	562,880,758	377,130,108	1,257	1,536	82,377	0.015	0.019	
19 2021			358,954,343	57,796,830	153,267,009	7,587,430	570,018,182	381,912,182	1,273	1,561	85,260	0.015	0.018	
20 2022			358,954,343	59,819,719	158,631,354	7,553,590	577,405,416	386,861,629	1,290	1,588	88,245	0.015	0.018	
21 2023			286,571,722	61,913,410	164,183,452	7,525,945	512,668,584	343,487,951	1,145	1,454	91,333	0.013	0.016	

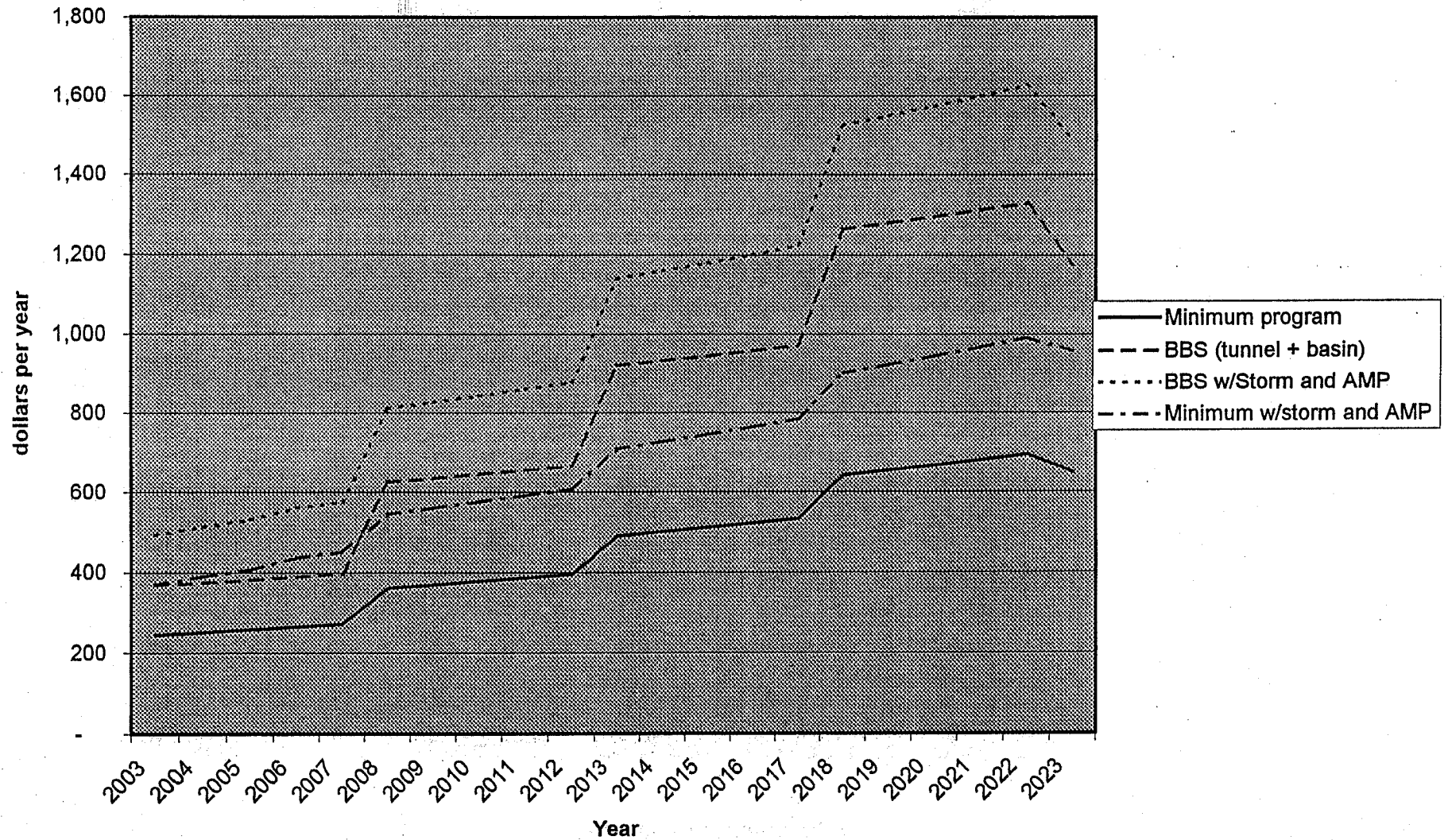
MSD - Maximum program - no tunnel

		4 2.75%	interest rate 5.5%			operating expense	price change 3.5%	customers 300,000	growth 3.50%			income 40,000		
						74,422,000								
Year		SSO/CSO/WIB cost 3,100,000,000	Incremental SSO/CSO/WIB debt service	Cumulative SSO/CSO/WIB debt service	SSO/CSO/WIB operating expense 1%	operating expense	existing debt service	total costs	residential share 67.00%	rate	w/amp & storm	Income	Share	w/AMP & storm
1 2003		775,000,000	64,851,481	64,851,481	7,750,000	79,722,707	40,406,051	152,324,188	102,057,206	340	465	45,901	0.007	0.010
2 2004				64,851,481	8,021,250	82,513,002	40,347,959	155,385,732	104,108,441	347	486	47,507	0.007	0.010
3 2005				64,851,481	8,301,994	85,400,957	40,344,391	158,554,431	106,231,469	354	504	49,170	0.007	0.010
4 2006				64,851,481	8,592,564	88,389,990	40,341,912	161,834,035	108,428,803	361	534	50,891	0.007	0.010
5 2007				64,851,481	8,893,303	91,483,640	40,341,077	165,228,424	110,703,044	369	547	52,672	0.007	0.010
6 2008	887,586,842		74,272,672	139,124,153	17,769,172	97,999,562	40,343,670	254,892,887	170,778,234	569	754	54,516	0.010	0.014
7 2009				139,124,153	18,391,093	101,429,547	40,344,930	258,944,793	173,493,011	578	769	56,424	0.010	0.014
8 2010				139,124,153	19,034,781	104,979,581	40,337,857	263,138,515	176,302,805	588	785	58,399	0.010	0.013
9 2011				139,124,153	19,700,998	108,653,866	40,341,726	267,479,018	179,210,942	597	802	60,443	0.010	0.013
10 2012				139,124,153	20,390,533	112,456,752	40,335,363	271,971,438	182,220,863	607	819	62,558	0.010	0.013
11 2013	1,016,529,550		85,062,512	224,186,665	30,555,829	116,392,738	40,335,888	371,135,231	248,660,605	829	1,048	64,748	0.013	0.016
12 2014				224,186,665	31,625,283	120,466,484	40,024,259	376,278,431	252,106,549	840	1,067	67,014	0.013	0.016
13 2015				224,186,665	32,732,168	124,682,811	39,759,789	381,601,643	255,673,101	852	1,087	69,359	0.012	0.016
14 2016				224,186,665	33,877,793	129,046,709	39,629,082	387,111,167	259,364,482	865	1,107	71,787	0.012	0.015
15 2017				224,186,665	35,063,516	133,563,344	39,528,880	392,813,525	263,185,062	877	1,129	74,300	0.012	0.015
16 2018	1,164,204,197		97,419,827	321,606,492	46,705,558	138,238,061	7,708,424	506,550,111	339,388,574	1,131	1,391	76,900	0.015	0.018
17 2019				321,606,492	48,340,253	143,076,393	7,678,419	513,023,138	343,725,502	1,146	1,415	79,592	0.014	0.018
18 2020				321,606,492	50,032,162	148,084,067	7,678,546	519,722,720	348,214,223	1,161	1,439	82,377	0.014	0.017
19 2021				321,606,492	51,783,287	153,267,009	7,587,430	526,656,788	352,860,048	1,176	1,465	85,260	0.014	0.017
20 2022				321,606,492	53,595,702	158,631,354	7,553,590	533,833,549	357,668,478	1,192	1,491	88,245	0.014	0.017
21 2023			-	256,755,011	55,471,552	164,183,452	7,525,945	476,410,015	319,194,710	1,064	1,373	91,333	0.012	0.015

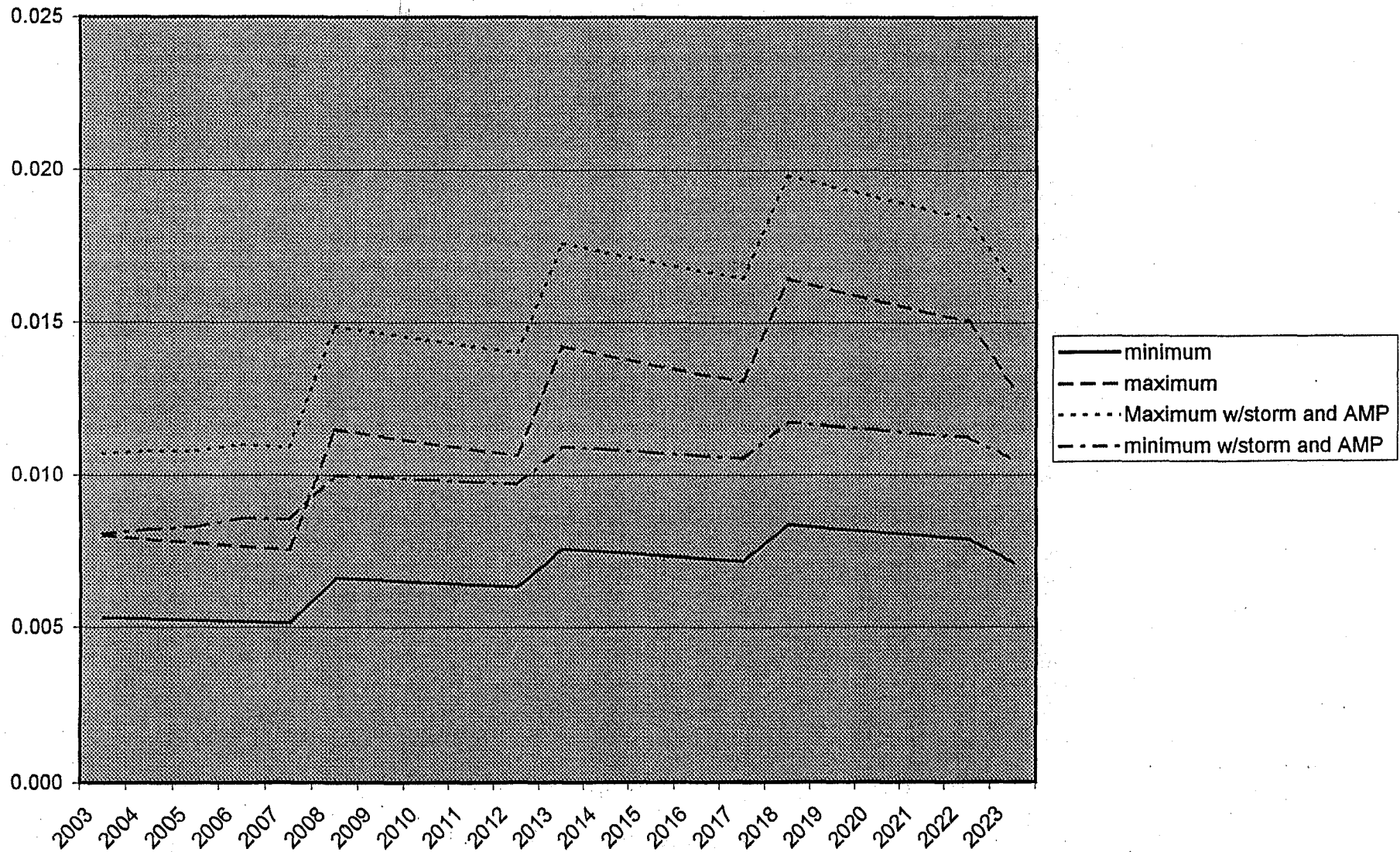
Cost shares by year



User fees



User fee/income shares



10 year program

